

REMARKS

The drawings were objected to for including reference number 559 which was not mentioned in the specification. Applicants have presented amendments to the specification as noted above which address this issue.

Claims 1, 3, 6-8, 10, 15, 16, 19, 21, 22, 23, 26 and 28 were rejected under 35 U.S.C. 102(b) as being anticipated by Lin. The independent claims have been amended to distinguish over the cited prior art. Applicants respectfully submit that Lin fails to teach the claimed software-based test case file generation algorithm which operates in the manner claimed in response to the input claimed to produce the test vectors as claimed.

Lin uses a repository of tests and then selects from among those tests in order to create the test bench. The claimed invention uses software-based test case file generation algorithm which processes template information comprising configuration and behavior of the model to be tested and based on the execution of the algorithm the test vectors are created. These test vectors are unique to the model under test. This is different from Lin which generates more generic tests for storage in the repository. There is a distinction in the claimed method and apparatus over Lin based on Lin's use of a primitive library of tests applicable to many models and the claimed execution of an algorithm which generates the tests applicable to a unique model. In essence, to the extent Lin generates tests, those tests are based on primitives selected from a library of stored tests, and not through execution of an algorithm which creates the tests from configuration and behavior data.

Claims 2, 4, 5, 9, 11-14, 17, 20, 24 and 27 were rejected under 35 U.S.C. 103(a) as being unpatentable over Lin in view of Bollano. These dependent claims depend from claims which are allowable.

Claims 18 and 25 were rejected under 35 U.S.C. 103(a) as being unpatentable over Lin in view of Killian. These dependent claims depend from claims which are allowable.

CUSTOMER NO. 32914

PATENT APPLICATION
Docket No. 32079-87USPT

In view of the foregoing, Applicants respectfully submit that the application is in condition for favorable action and allowance.

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Respectfully submitted,

By 

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